



GeM
Government
e Marketplace

ISO : 9001:2015
ISO : 13485:2016

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Plot at KH No.9/25/2, 13/5/1 Industrial Area
Nangli Sakrawati, Najafgarh, New Delhi- 110043.

VERTICAL LAMINAR AIR FLOW

► ECO SERIES

DESCRIPTION

Vertical Laminar Flow Cabinet provides sample protection as purified air travels across the working zone of the cabinet in a vertical, unidirectional stream and leaves the main work chamber across the entire open front of the cabinet. Most vertical laminar flow benches also have perforations at the back wall of and the possibility of dead air corners in the work zone.

KEY FEATURES

- H14 HEPA Filter
- Sliding vertical toughend glass door
- Dynamically balanced Centrifugal Blower
- Microprocessor controlled digital display
- Blower, UV and LED light controlled by digital keypad switch
- Manual Manometer to measure pressure
- Changable pre-filter
- Custer wheels for easy moveability



CERTIFICATION

01 BSEN 12469 : 2000

02 CE

APPLICATIONS

01

Microbiology
(non-pathogenic)

02

Forensic

03

Sterile product
compounding

04

Electronics
inspection

05

Medical devices
assembly

SPECIFICATIONS

Model		AMBI-LAF-2000VI	AMBI-LAF-3000VI	AMBI-LAF-4000VI	AMBI-LAF-6000VI
LAF Classification	Type	Vertical	Vertical	Vertical	Vertical
	Air Flow Direction	Towards User Work Bench	Towards User Work Bench	Towards User Work Bench	Towards User Work Bench
Dimensions	Interior Dimensions W x H x D	2' x 2' x 2'	3' x 2' x 2'	4' x 2' x 2'	6' x 2' x 2'
Display & Controlling	Display	Digital backlit LCD display	Digital backlit LCD display	Digital backlit LCD display	Digital backlit LCD display
	Controlling	Blower, UV, LED light control by Digital keypad switch	Blower, UV, LED light control by Digital keypad switch	Blower, UV, LED light control by Digital keypad switch	Blower, UV, LED light control by Digital keypad switch
Electrical Data	Voltage	220 V	220 V	220 V	220 V
	Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Filter	Supply Filter	H14 grade HEPA filter	H14 grade HEPA filter	H14 grade HEPA filter	H14 grade HEPA filter
	Efficiency	99.97% with 0.3 micron	99.97% with 0.3 micron	99.97% with 0.3 micron	99.97% with 0.3 micron
	Pre Filter	F7 rating	F7 rating	F7 rating	F7 rating
	Efficiency	90% with 5 micron	90% with 5 micron	90% with 5 micron	90% with 5 micron
Ergonomics & Utilities	LED Light	600 Lux	600 Lux	600 Lux	600 Lux
	UV Light	254 nm	254 nm	254 nm	254 nm
Operation	ON/OFF Buttons	Manual switch	Manual switch	Manual switch	Manual switch
	Blower (ON/OFF Buttons)	Digital Keypad switch	Digital Keypad switch	Digital Keypad switch	Digital Keypad switch
Work Aperture	Sash Opening	8"/10"	8"/10"	8"/10"	8"/10"
	Sound Pressure Level	< 65 dB	< 65 dB	< 65 dB	< 65 dB
	Energy consumption	180 watt	180 watt	300 watt	360 watt
Air Velocity	Velocity	100 FPM (+/- 20)	100 FPM (+/- 20)	100 FPM (+/- 20)	100 FPM (+/- 20)
Blower	Certrifugal Blower	Yes	Yes	Yes	Yes
MOC	Internal working Surface	SS304 sheet	SS304 sheet	SS304 sheet	SS304 sheet
	External body	GI Powder coated	GI Powder coated	GI Powder coated	GI Powder coated
Stand	Height	750mm	750mm	750mm	750mm
	Castor Wheel	Yes	Yes	Yes	Yes
	MOC (Castor Wheel)	GI Pipe	GI Pipe	GI Pipe	GI Pipe

*Optional - Material of construction outer body SS 304 sheet

OPTIONAL ACCESSORIES

CAT NO.	DESCRIPTION
AMBI - LAF - AC11	Magnehelic gauge
AMBI - LAF - AC12	Gas cock
AMBI - LAF - AC13	Hight adjustable leveling fit for stand
AMBI - LAF - AC14	Digital manometer
AMBI - LAF - AC15	Airflow velocity sensor for downflow